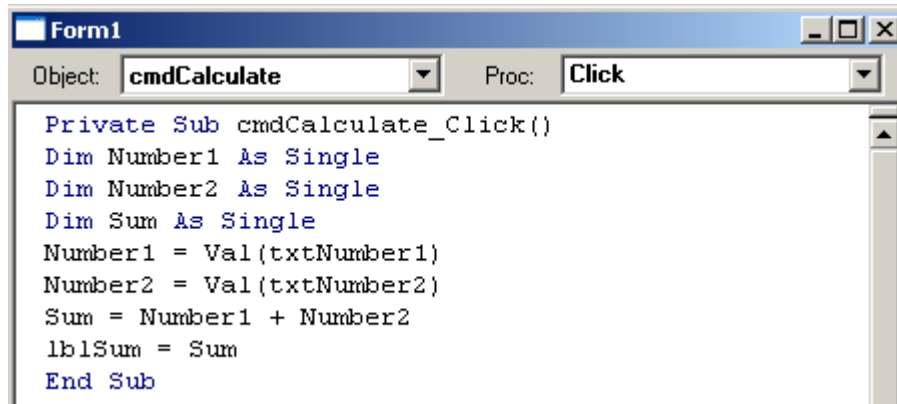


Name: _____

VISUAL BASIC

1. A Visual BASIC program has the following code in the click procedure of the calculate command button. This program will display the sum of two numbers that are provided by a user. Refer to this code and the variable included in it to do the following problems.

Code



```
Form1
Object: cmdCalculate Proc: Click

Private Sub cmdCalculate_Click()
    Dim Number1 As Single
    Dim Number2 As Single
    Dim Sum As Single
    Number1 = Val(txtNumber1)
    Number2 = Val(txtNumber2)
    Sum = Number1 + Number2
    lblSum = Sum
End Sub
```

- A. Explain what the parts of the Dim statement are. Explain what the function of a Dim statement is. And explain which variables need Dim statements and which do not.

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VISUAL BASIC

1. *Continued.*

- B.** Explain what the parts of the Val statement are. Explain what the function of a Val statement is. And explain which objects need Val statements and which do not.

Name: _____

VISUAL BASIC

2. The section code shown below contains some mistakes.

- A. In the assignment statement `Sum = Number1 + Number2`, the result is put in computer memory in the variable `Sum`. Explain at least two thing that would be wrong with using an assignment statement such as `lblSum = txtNumber1 + txtNumber2`.

Name: _____

VISUAL BASIC